

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:00 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 1115 Const Calendar Day: 688 Date: 23-Apr-2014 Wednesday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition clear

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:

ABF Engineer Kelvin Chen is working part time in the field and office on CCO 314.

Crews at the Pier 7 warehouse area are working an 8-hour shift 0700 through 1530 today. Ironworkers Jared Garrett (temporary foreman today with CJ Biskner sick today) and Kyle Crowley work part of today at the test rigs, and they work at other times in the morning and afternoon on non-CCO 314 operations elsewhere at the Pier 7 warehouse area. Portions of the shift not spent at the CCO 314 test rigs are not covered in this diary. ABF Ironworker Donald Plumb who has been working at this location recently is instead working elsewhere on the jobsite today. Ironworker Charles (Rand) Clayborn works 0700 to 1200 at the test rigs for the modification of TR's 1-4 to TR's 14-17, and then is off in the afternoon for a previously scheduled appointment. Laborer Carlos (Pedro) Garcia work all day at the test rigs on CCO 314 for the modification of TR's 1-4 to TR's 14-17.

ABF continues work modifying TR's 1-4 to TR's 14-17 with Ironworker Charles (Rand) Clayborn. Rand begins the day welding at the TR 2 (convert to TR 15) south doubler plate with this welding completed by about 0900. At this point, welding is complete at 3 of 8 locations. Then he begins work at TR 4 (convert to TR 17) where he air arcs to remove the existing doubler plates, and uses the oxy-acetylene torch to remove the extensions of the test rig feet per plan to provide access for welding the new doubler plates.

Laborer Carlos (Pedro) Garcia spends most of the day cleaning jacking rods from TR's 1-4 that will be used at TR's 14-17. Previously cleaned and MT inspected are 4 previously used jacking rods. Previously cleaned with no MT requirement are 2 spare jacking rods. Today's work is cleaning the other 2 spare jacking rods. He uses power tools (wire wheel) and MEK to clean the rods. He completes work on the last of the jacking rods today at about 1430. For the last part of the shift, he cleans remaining sand at TR's 5-9 and TR's 12&13 where ABF removed all the sandbags yesterday.

Ironworkers Jared Garrett and Kyle Crowley start working on CCO 314 about 1100. They start by moving the TR 5-13 jacking rods to the warehouse – store in the CT materials bays in the east end of the warehouse. They then take the TR 6 and TR 7 test rods from the warehouse to the test rig area to work on some more necessary operations on these test rods. For TR 6, they remove the strain gauges that prevented the removal of the spherical washer and then they remove the spherical washer. For TR 7, they attempt to remove the cylindrical sleeve. They removed the caulk at the ends of the spherical sleeve, cleaned the rod on both ends of the cylindrical sleeve, and then tried to unthread the spherical sleeve. They were not able to unthread it. It would only thread a few inches in either direction before it bound up and they could not force it any farther. They abandon work on TR 7 and I will check with the DJV about



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whether the cylindrical sleeve really needs to be removed for the next step with this test rod or if the cylindrical sleeve can be removed by other methods (cut it off) – email sent to DJV today with no answer today. At about 1330, the ironworkers take the TR 6 and TR 7 test rods back to the warehouse.

Then, the ironworkers set 2 each CT owned CT k-rail at TR 4 (convert to TR 17) at the south end running longitudinally where 20' k-rail was previously removed. The ironworkers leave the test rig site approximately 1400 for work elsewhere at the Pier 7 warehouse area.

A 7kW generator – Whisperwatt 7000 – ABF ID 002343 is used by the laborer for power tools for prep work on jacking rods. A 40kW generator – MQ Power 40 – ABF ID 002051 is on idle/standby at the test rig work area. A Hydraulic Pump for running the jacks is on idle/standby at the test rig work area. An oxyacetylene torch is used at the test rig work area. A compressor – IR P185 ABF ID 000002 is used at the test rig work area in the morning. A welding machine – Lincoln Vantage 500 ABF ID 000074 is used at the test rig work area in the morning. A second welding machine – Lincoln Vantage 500 ABF ID 002082 is on idle/standby at the test rig work area. An extendable forklift, Hyster 155 forklift, Hyster 120 forklift, and Hyster 80 forklift are all used briefly at the test rig work area at various times. A Kubota Cart is used by the laborer and ironworker working on the modifications to the test rigs.

Note that there is k-rail at this work area. Some of the k-rail is rented and addressed by the rental agreement. Some of the k-rail is ABF's k-rail used on site and paid as rented from ABF on a daily basis. To elevate the k-rail, crane mats and timber blocking (12x12's) are in use. The k-rail quantities are as follows:

10' bought k-rail = 20 pieces

10' ABF k-rail = 4 pieces (no longer use 2 k-rail as sawhorses for rod cleaning)

20' rented k-rail = 10 pieces

20' ABF k-rail = 11 pieces

Note that this includes three 20' ABF k-rail between the CCO 314 work area and FW Spencer's yard, with that k-rail being in place prior to the CCO work and not related to CCO 314. Also a fourth 20' ABF k-rail is between the CCO 314 work area and FW Spencer's yard along the fence line near the BayView Trailer. Seven of the ABF 20' k-rail are in TR's 1-4.

The agreed extra work with ABF is as follows:

Engineer Kelvin Chen - 1 hr

Ironworker Charles (Rand) Clayborn - 5 hrs

Laborer Carlos (Pedro) Garcia - 8 hrs

Ironworker Foreman Jared Garrett - 3 hrs

Ironworker Kyle Crowley - 3 hrs

185 CFM Compressor - 5 hr

Vantage 500 Welder - 5 hrs

7kW Generator - 8 hrs

Kubota Cart - 8 hrs

k-rail: 6 pcs @20' and 4 pcs @10'

Crane Mats (12x12 - 5'x16') - 2 pcs

Crane Mats (12x12 - 5'x7') - 8 pcs

See the attached Extra Work Order - Signed with ABF for CCO 314 work